Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 20 Jan 2022 until 23:59 on Friday 21 Jan 2022

Forecast Issued on Wednesday 19 Jan 2022 at 16:08

Confidence: High for a fine, cold day Thursday and for a change to milder from Friday, but lower with regard to cloud details.

Headline for Thursday 20 Jan 2022: Dry with long sunny spells. Cold northwesterly wind continues to ease.

Mountain weather hazards on Thursday 20 Jan 2022

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny	Sunny	Sunny	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	10%	<05%	00%	00%	00%	00%	00%

Forecast for Thursday 20 Jan 2022

Weather: One or two snow flurries possible through the early hours, otherwise dry with long clear spells overnight. Then a largely sunny day but a little more in the way of cloud, mainly above the summits, from expected from late afternoon.

Chance of cloud free mountain/hill tops above 600m: Close to 100% through much of the day.

Visibility: Little or no cloud expected below summit level through much of the day with visibility very good or excellent through daylight hours with good panoramic views of surrounding hills.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 20 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/23 N	12/17 N	12/19 N	10/18 N	12/17 NW	11/15 NW	10/16 NW	9/15 W	10/15 W
300	8/15 NW	7/12 NW	7/10 N	7/10 NW	9/14 NW	8/13 NW	6/10 NW	6/9 W	5/8 SW
Valley	6/18 NW	4/14 N	4/13 N	3/12 NW	5/11 NW	5/13 NW	2/9 NW	2/6 N	2/5 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-6	-2/-7	-3/-9	-3/-9	-2/-8	-2/-7	-2/-7	-2/-7	-2/-7
300	2/-2	1/-2	-0/-4	-1/-5	0/-4	1/-3	-0/-4	-1/-4	-1/-4
Valley	2/-1	1/-1	-1/-3	-2/-4	1/-1	2/-1	-2/-4	-1/-3	-1/-3
Freezing Level*	400m	300m	00m	00m	00m	200m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite the sunshine still a significant chill effect, especially at higher elevations.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 19 Jan 2022	3.2mm	3.2mm	3.2mm

Forecast for Friday 21 Jan 2022

Weather: Dry with some long clear spells overnight. Then a bright frosty start a mostly dry day with variable, often large amounts of cloud, the best of any brighter or sunnier spells in the east

Maximum wind: Mainly westerly around 15mph

Chance of cloud free mountain/hill tops above 600m: Around 60% in east but nearer 30% in west.

Visibility: Occasional, or especially in the west, periods of cloud above about 600m. Otherwise visibility good or very good.

Temperature: **Valleys:** Around minus 2 Celsius at dawn rising to plus 6 or 7 Celsius by day
At 600m: Around minus 2 Celsius rising to plus 2 Celsius
Freezing level: less than 300m rising to just above the summits

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